Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

No. **1st and Final bill** (For Other Works) Date……20……

Division-**Byatarayanapura Division**

Bill Received No……Dated……Cash Book Voucher No……dated……

Scheduled Docket No…… Head of Account:

Name of Work: Improvements to Roads and Drains at Nanjappa Layout in ward No.10, Doddabommasandra Vidyaranyapura Sub Division

Contractor and Full Address: M/s Sri.Channakeshava Enterprises (Prop:Kiran Gowda D)

Estimated Cost:25.00 Lakhs

Job code No: 010-20-000073

Work Order No: BBMP / EE/ BTP/ W.O /97/2020-21 **Date:**05-09-2020

Certified that the measurements were taken by me on…18.06.21……..and recorded in pages.259443 to 259448
Of measurement Book No.2595.14.15…… and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurements were taken by me on…… and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

If Memorandum of Payment

1) Total value of work done or supplies made as per account within — BA - 2102600=00
2) Deduct amount to be held in reserve being……..percent Rs…… — ST - 21026=00
3) Deduct amount to be held in Balance — LC - 21026=00
4) Deduct Payment : — CBF - 2103=00
   a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D No…… — LCF - 18774=00
   Amount adjusted towards cash advance recovery of — SCF - 18774=00
   b) Payments cost store or other materials supplied. — LR - 30024=00
   Now made recovery of amount creditable to this/other work — Fine 1970=00
   Amount paid on this bill Cheque/Cash — 1136977=00
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No……
   date ……less adjustments
7) Net amount due to or from contractor — Cheque Amt: 1988903=00

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied

Contractor's Signature

Received Rs……(in words)

By Cash and by adjustment of Payment as per memorandum.

Witnesses:

1.

2.

Dated……Signature of Contractor

Paid by me by cheque No……Dated……

Cash Rs……Dated……

(For use in the Office)

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P - 3326 ರಡಿ
ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 2102600=00 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.
ಇದರಲ್ಲಿ ರೂ. 1136977=00 ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ
ಮಾಡಿಕೊಂಡು ರೂ. 1988903=00 ಗಳನ್ನು

R.T./NEFT./RTGS. ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ವಿಷಯ ನಿರ್ವಾಹಕರು — ಲೆಕ್ಕಾಧೀಕ್ಷಕರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು — ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು

Initials of Officer Making Payment

Executive Engineer

Name of work:Improvements to Roads and Drains at Nanjappa Layout in ward No.10, Doddabommasandra Vidyaranyapura Sub Division

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry.B. Rubble stone masonry in cement mortar. MORTH Specification No. 202	Cum	4.88	372.05	1815.60	–	–	4.50	372.05	1674.23	4.50	1674.23
2	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum	152.52	174.80	26660.50	–	–	151.49	174.80	26480.28	151.49	26480.28
3	Removing and refixing stone slabs of drains and pointing in CM (1:3)	Sqm	264.60	93.71	24795.67	–	–	264.30	93.71	24767.55	264.30	24767.55
4	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2.	Cum	65.18	4553.64	296806.26	–	–	65.16	4553.64	296723.72	65.16	296723.72
5	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2.	Cum	7.92	4635.75	36715.14	–	–	7.86	4635.75	36437.00	7.86	36437.00

Smitha.N.L
AE N10

Assistant Executive Engineer
Vidyaranyapura Sub Division

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
6	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo-Wall & bottom thickness 15cm	Cum	14.26	5953.11	84891.35	–	–	14.22	5953.11	84626.44	14.22	84626.44
7	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.**TMT Bars Fe-500**	Tonne	1.35	60899.32	82214.08	–	–	1.34	60899.32	81688.16	1.34	81688.16
8	Providing and fixing Precast cover slab Made out of CC 1:2:4 with **10cm thick** and finishing cutting, including form work, curing,including cost of all materials, Labour, Hire Charges of machinery, loading,unloading,leaad and lift, transportation, etc complete.**Data Rate**	Sqm	113.40	1967.75	223142.85	–	–	113.40	1967.75	223142.85	113.40	223142.85
9	Providing and fixing Precast cover slab **250mm thick** Made out of CC 1:2:4 and jelly 20mm Down Size with steel reinforcement including form work, curing,including cost of all materials, Labour, Hire Charges of machinery, loading,unloading,leaad and lift, transportation, etc complete.**Data Rate**	Sqm	44.10	4561.96	201182.44	–	–	44.00	4561.96	200726.24	44.00	200726.24
10	Excavation for road work in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections,and transporation with a lead of 1km and complete as per specifications.	Cum	105.42	47.37	4993.75	–	–	104.81	47.37	4964.92	104.81	4964.92

Suvetha .N.K
AE W10

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
11	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	40.25	1685.08	67824.47	–	–	40.16	1685.08	67679.81	40.16	67679.81
12	KSRRB 500-1. Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air, to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501	Sqm	406.00	18.74	7608.44	–	–	405.61	18.74	7601.04	405.61	7601.04
13	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502	Sqm	406.00	24.10	9784.60	–	–	405.61	24.10	9775.08	405.61	9775.08
14	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	20.30	5555.04	112767.31	–	–	20.28	5555.04	112657.60	20.28	112657.60
15	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501	Sqm	1155.00	4.46	5151.30	–	–	1154.84	4.46	5150.59	1154.84	5150.59

Sunitha.NK

Assistant Executive Engineer

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
16	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5	Sqm	1155.00	10.71	12370.05	–	–	1154.84	10.71	12368.34	1154.84	12368.34
17	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen	Cum	46.20	6528.78	301629.64	–	–	46.19	6528.78	301587.85	46.19	301587.85
18	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm	42.00	382.89	16081.38	–	–	39.12	382.89	14978.66	39.12	14978.66
19	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202	Cum	86.90	861.15	74833.94	–	–	85.92	861.15	73993.02	85.92	73993.02

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Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
20	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)	Cum	65.20	4387.66	286075.43	-	-	65.16	4387.66	285908.15	65.16	285908.15
	Total				**1877344.18**					**1872931.50**		**1872931.50**
	GST Charges 12%				**225281.30**					**224751.78**		**224751.78**
	Grand Total				**2102625.48**					**2097683.28**		**2097683.28**

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Assistant Engineer
Ward No.10

Asst. Executive Engineer,
Vidyaranyapura Sub division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97